

Quarterly Progress Report

Project Title:	Effectiveness of Bus Nubs for Bus Stops - Mod.1		
RFP Number: 2000-25	NJDOT Research Project Manager: Vincent Nichnadowicz		
Task Order Number/Study Number: NCTIP-43	Pincipal Investigator: Daniel, Janice R.		
Project Starting Date: 1/02/02 Original Project Ending Date: 12/30/03 Modified Completion Date: 6/30/04	Period Starting Date - Ending Date: Jan. 1 - March 31 , 2004		

Task	% of Total	% of Task this quarter	% of Task to date	% of Total Complete
Task A. Perform a literature review.	5%	0	100%	5%
Task 1. Identify a limited number of urban bus stop locations that could be considered for bus nub installation.	10%	0	100	10%
Task 2. Develop from the literature or elsewhere a specification document that provides measurements and guidance for proposed test bus nubs to be built.	10%	5	100	10%
Task 3. Prepare plans in sufficient detail for the agreed upon test nubs to allow for contractor installation.	5%	0	70	3.5%
Task 4. Develop a methodology to evaluate effectiveness of the alternate	5%	10	100	5%
Task 5. Conduct a before data collection	10%	8	100	10%
Task 6. Install bus nubs.	20%	0%	0%	0%
Task 7. Conduct an after data collection.	10%	0%	0%	0%
Task 8. Analyze the data.	10%	2	97	9.7%
Task 9. With the assistance of NJDOT and NJ Transit, develop for general publication a document explaining the rules and guidelines for the use of	5%	0%	0%	0%
Task 10. Prepare a project schedule to submit a quarterly, interim and final report that document the entire research effort.	10%	0	20%	2%
Final Report				
TOTAL	100 %			55.2 %

1. Progress this quarter by task:

During the past quarter the research team has identified additional locations for estimating bus re-entry delays. NJ Transit has also provided a list of nine locations identified as "trouble spots" where re-entry delays can be collected. The research team has visited five of these locations in Jersey City. Two of locations showed good potential for providing bus-entry delays. The locations not identified as being acceptable for measuring bus re-entry delays were locations with one travel lane in each direction and it was

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observed that most of the buses did not pull into the curb lane. It is anticipated that all of the locations identified by NJ Transit will be visited before the end of the quarter with data collection to begin at some of the locations identified as appropriate for collecting bus re-entry delays.

2. Proposed activities for next quarter by task:

During the next quarter, field studies will be performed at locations obtained from NJ Transit to gather bus re-entry delays. The research team is currently seeking equipment that will allow data collection to be performed using a video camera mounted at a high vantage point. It is anticipated that the results of the data collection will be documented and a revised Draft Final Report submitted during the next quarter. The research team is also considering gathering information from pedestrians at Avon-by-the-Sea to determine their acceptance/opinions of the bus nubs constructed at that location. As this location is a small beach-community, the information may best be gathered later in the quarter.

3. List of deliverables provided in this quarter by task (product date):

None

4. Progress on implementation and training activities:

None

5. Problems/proposed solutions:

The Tasks and percentage completion of the tasks reflect the original scope of this project. Due to the inability of NJDOT/NJ Transit to construct the bus nubs, the tasks no longer reflect the current focus of the research. The percent complete reflects the completion based on the old list of tasks, but does not reflect the percent completion based on the current focus of the research.

6. Budget summary:

Total Project Budget	\$0.00
Modified Contract Amount	\$118,785.00
Total Project Expenditure to date	\$99,757.00
% of Total Project Budget Expended	83.98%